

Date: Fri, 6 May 94 14:09:06 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #497
To: Info-Hams

Info-Hams Digest Fri, 6 May 94 Volume 94 : Issue 497

Today's Topics:

 "Cruise Ships"
 ** FLEA at MIT ** Sunday May 15th Cambridge MA
 2 meter lingo publication
 BARA HAMFEST JUNE 4
 Cruise ship radio operation
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 FCC Still requires 1st Class License
 How to make a diplexer?
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 why not on CD? (was: Best code-speed improvement tapes?)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 6 May 94 17:25:43 GMT
From: agate!ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!netline-fddi.jpl.nasa.gov!nntp-
server.caltech.edu!news.claremont.edu!bridge2!Thoth!peter@ucbvax.berkeley.edu
Subject: "Cruise Ships"
To: info-hams@ucsd.edu

In article 576@nich-nsunet.nich.edu, CS-ERH@nich-nsunet.NIch.EDU (Evert Halbach)

writes:

> Might be lucky enough to take a cruise in the next year or so and was
> wondering if anyone out there has taken a cruise and did any
> operating from the Ship's Radio Room???? I would assume that they
> had something that would let me get on 20 meters?? Any help would be
> appreciated.. Thanks.

I asked fairly casually about 5 years ago when I was on the _Sovereign of the Seas_ and was told that the radio room was a secured area (terrorists, etc) and that it wasn't open to the public. I did go by and looked through the window, but I didn't try to talk to any of the people inside (who were busy doing their jobs anyway).

Peter

Peter Simpson, KA1AXY
3Com Corporation
Northborough, MA 01532

Peter_Simpson@3com.com
(508) 836-1719 voice
(508) 393-6934 fax

I speak only for myself, 3Com doesn't pay me to speak for them, so I don't.

Date: 6 May 1994 03:02:01 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!bloom-beacon.mit.edu!
senator-bedfellow.mit.edu!w1gsl@network.ucsd.edu
Subject: ** FLEA at MIT ** Sunday May 15th Cambridge MA
To: info-hams@ucsd.edu

Now TWICE the number of outdoor Tailgate spaces are available...

***** \$1 buyers discount with hardcopy of this notice *****

COMPUTERS - ELECTRONICS - HAM RADIO - COMPUTERS - ELECTRONICS

FLEA all SUMMER at MIT
May 15th, 1994
9AM-2PM

Come to the city for a great flea - plenty of free parking.

MIT's electronics and ham radio flea will take
place on the third Sunday of each month this summer,
April thru October.

There is tailgate space for over 600 sellers and free, off-street parking for >1000 cars!

Buyers admission is \$2 (you get \$1 off if you're lucky enough to have a copy of our ad) and sellers spaces are \$10.00-each at the gate.

The flea will be held at the corner of Albany and Main streets in Cambridge; right in the Kendall Square area from 9AM to 2PM, with sellers set-up time starting at 7AM.

!! RAIN or SHINE !! Have no fear of rain, a covered tailgate area is available for all sellers (6'8" clearance).

Talk-in: 146.52 and W1XM/R-449.725/444.725 (PL 114.8/2A).

Sponsors: MIT Electronics Research Society
MIT UHF Repeater Association (W1XM)
MIT Radio Society (W1MX)
Harvard Wireless Club (W1AF)

For more info / advanced reservations 617 253 3776

***** \$1 buyers discount with hard copy of this notice *****

Steve Finberg W1GSL w1gsl@athena.mit.edu
PO Box 82 MIT Br Cambridge MA 02139 617 258 3754

Date: 6 May 94 13:52:38 GMT
From: agate!howland.reston.ans.net!usc!elroy.jpl.nasa.gov!swrinde!ihnp4.ucsd.edu!
library.ucla.edu!psgrain!qiclab!cadreor!fripp!usenet@ucbvax.berkeley.edu
Subject: 2 meter lingo publication
To: info-hams@ucsd.edu

The fact that your writing a book on this lingo garbage is more evidence that the 2 meter band is lost forever.

"Forty-Rodgoes on that" - Give me a break!

What kind of garbage is this. The 2-meter band is turned into another CB wasteland. I just heard the other night a group of newly licensed no-clue

techs hanging out on a simplex freq using all kinds of strange lingo, I have never heard in 28 years of operation. It when something like this:

N1F00 come on back ... Yeah N1F00 come on back ... Yeah QSL N1F00 this is N1BAR handle here is "Scorpio" and the personal here is Bill. Didn't we used to talk on CH 12? Yeah these new VHF FM rigs are really neat, but I wish we didn't have to go through the hassle of answering that application form to get a call sign. Oh, well atleast they gave us the anwsers to the questions... Well I have destinated, N1BAR over to N1F00 am going QRY...

All I can say is "73s to the 2-meter band"

DE KB1JX CL

Date: 6 May 94 15:57:20 GMT
From: news-mail-gateway@ucsd.edu
Subject: BARA HAMFEST JUNE 4
To: info-hams@ucsd.edu

For those who are preparing the hamfest lists for the Middle Atlantic/Northeast area, don't forget the BARA (Bergen Amateur Radio ASSN.) hamfest in Teaneck, NJ 6/4/94 at the FDU Campus off Rt. 4 at River rd.

Seth T. KC2WE

Date: 6 May 94 19:34:19 GMT
From: agate!darkstar.UCSC.EDU!news.hal.COM!olivea!news.bu.edu!att-in!nntp!not-for-mail@ucbvax.berkeley.edu
Subject: Cruise ship radio operation
To: info-hams@ucsd.edu

Hello

I just saw some news come across concerning this subject. I just returned from a cruise to the Caribbean, if you could only see my smile. Anyway other than having a real good time I did stop at the radio room of the ship and talked to the operator. I was standing in the reception room outside the actual room that contained the equipment. The operator gave me a complete tour of his world, low band, vhf, satellite, fax, eg. Really a small room. On this ship there were two low band, around 8 MHZ inverted vee antannas. He said one was primary and the other secondary, or spare.

While I was on board I wanted to see the engine/boiler room, because I was a boiler tender during one of my navy tours. I had to request in writing permission to go on the tour, because of insurance and was warned I went at my own risk, etc. Very interesting.

Now if I go on another cruise here is what I would do if I wanted to operate from the ship. I would write a letter to the chief radio officer explaining who I am, class of license, type of operating, type of equipment you plan to bring, and that you are very flexible in regards to times of operating, and any other bits of information you think might influence or be of help to the people in charge. In my case I would stress the fact that I would be using extremely low power equipment and provide all my own equipment and all I would need is connection to their antenna coax.

Anyway it could get you permission to do some operating. I know we spent two full days at sea, well it was only supposed to be one but because of some tax revolt in Dominica we could pull into that island, just well I didn't want to become part of some island warfare anyway. But on the days when the ship is out to sea there might be time when you could have access to the spare antenna.

Like I said this was an old ship I don't know what the newer ones have in the way of low band antennas. The operator I talked to kind of implied that a lot of the ship to shore was handled by satellite now but some went by way of low band. In fact he was talking to the AT&T operator in New York as I came up to the window.

So that is what I would do if I wanted to try to operate a radio from sea.

Marty KD8BJ

Date: Fri, 6 May 1994 02:01:00 GMT

From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!torn!nott!cunews!
news@network.ucsd.edu

Subject: digital speech transmission for HAMS?

To: info-hams@ucsd.edu

Digital speech in the same bandwidth as an FM voice carrier is not a problem with today's technology. (even yesterday's technology).

CVSD at 9.6 kbps is "not too bad" for male voices, if you prefilter down to an appropriate bandwidth before sampling. Motorola has a chipset to do CVSD ... just put in audio, and clock, and out come bits. Some will say 9.6 CVSD sounds horrible, but then so does SSB. 32 kbps CVSD can pass as nearly toll quality if the channel error rate is low. With CVSD you also get a bonus of a system that is fairly tolerant of bit errors.

LD-CELP at 16 kbps is the newest "toll quality" standard from the ITU. It needs serious DSP, but it is as good as (or better

than according to some) sounding than 64 kbps PCM. Not sure if there is a hardware solution to do this yet, but the algorithm should be available from the ITU.

ADPCM standard is 32 kbps, but you can prefilter and lower the sampling rate and use it down to 9.6 kbps. At 9.6 kbps it still sounds like normal voice and you can usually recognize the speaker, and again if you're a male it's not too bad.

Then there's really low bit rate voice stuff, LPC, GSM and others. Voice in down to 2400 bps. Now at 2400 bps everyone sounds like an poor voice synthesizer but if moving voice is what you want to do it works. If you're trying to get broadcast quality audio program material down it you're out of luck. At 4800 bps things get a little better, and you may recognize the speaker's voice if you know who it is.

Digital voice is something that more hams should be playing with. (wish I had time to play more). With a sound blaster as an input device, and a 9600 bps modem, digital voice would be pretty cool!

im

Jargon translation:

CVSD: Continuously Variable Delta Modulation

PCM: Pulse Code Modulation

LD-CELP: Low Delay Code Excited Linear Predictive

ADPCM: Adaptive Delta PCM

LPC: Linear Predictive Coding

--

Ian A. McEachern, VE3PFH	This space for rent.
Packet Working Group, Ottawa A.R.C.	
im@hydra.carleton.ca	
ian@ve3pfh.ampr.org	

Date: 6 May 94 15:27:16 GMT
From: news-mail-gateway@ucsd.edu
Subject: FCC Still requires 1st Class License
To: info-hams@ucsd.edu

I guess that for some in the commercial radio world the FCC still requires that you have a Radio Telegraph (commercial license).

Follows a recent FCC Order.....

Report No. GN-155
May 3, 1994

GENERAL ACTION

JOSEPH SAWCHUCK DENIED CANCELLATION OR REDUCTION OF
FORFEITURE
FOR FAILING TO HAVE REQUIRED FIRST CLASS
RADIOTELEGRAPH OPERATOR'S CERTIFICATE

The FCC has upheld an action by the Field Operations Bureau and denied Joseph Sawchuck, IV,'s request for cancellation or reduction of a forfeiture issued in the amount of \$5,000 for serving as the sole radio officer aboard a vessel in violation of the Communications Act. The Act requires two radio officers on board unless the radio officer has received a six month service endorsement to his First-Class Radiotelegraph Operator's Certificate.

Sawchuck served as sole radio officer aboard the vessel PATRIOT without a required Six Months Service Endorsement. Seeking review of the Bureau's assessment, Sawchuck argued that the Bureau had failed to adequately consider and apply the proper standard and downward adjustment criteria set forth in the Commission's Policy Statement, Standards for Assessing Forfeitures.

Denying review, the Commission stated that Sawchuck had failed to show that the Bureau erred in its findings of fact, or misapplied the law and its policy to the facts. The Commission said that all relevant facts were considered by the Bureau in reaching its finding of liability for monetary forfeiture. Also, the Commission found that the Bureau applied the correct standard in determining Sawchuck's liability for forfeiture under the Commission's Policy Statement, and all facts and circumstances applicable to each of the criteria set out in the Policy Statement.

Action by the Commission April 12, 1994, by Memorandum Opinion and Order (FCC 94-87). Chairman Hundt, Commissioners Quello and Barrett.

-FCC-

News Media contact: Patricia A. Chew at (202) 632-5050.

Field Operations Bureau contact: Ana J. Curtis at (202) 632-7059.

Seth T. KC2WE, ex KZ5BA

Date: Fri, 6 May 1994 02:41:34 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!math.ohio-state.edu!
magnus.acs.ohio-state.edu!csn!col.hp.com!srngenprp!alanb@network.ucsd.edu
Subject: How to make a diplexer?
To: info-hams@ucsd.edu

John E. Lundgren (jlundgr@eis.calstate.edu) wrote:
: That's not a diplexer schematic in the previous post. It's essentially a
: VHF / UHF splitter, which is really just hi pass and lo pass filters in
: the same box. Diplexers use exotic things like cavities and magic T's.
: What? You've never heard of a magic T?

The vocabulary used by 2-way radio folks uses the word "duplexers"
for the multi-cavity resonators used on repeaters. The word "diplexer" is
reserved for a device that combines two wider-spaced frequency bands, as
per the schematic in the previous post.

AL N1AL

Date: Sun, 01 May 1994 10:09:18 EST
From: murky.apple.com!mumbo.apple.com!Adrien_Glauser%magic-
bbs.corp.apple.com@decwrl.dec.com
Subject: IC-02AT
To: info-hams@ucsd.edu

I've heard that the IC-02AT can have it's Rx expanded from 140-151MHZ to
140-165MHZ. Is this true and if so how is it done? I want to start
listening in on the Marine band as the fishing season will soon start.

73's
Adrien, VA3NJC

I am looking for any mods to a Icom IC725. I have allready tried the data base at <ftp.cs.buffalo> and have found nothing.

Steve Finberg W1GSL w1gsl@mit.edu
PO Box 82 MIT Br Cambridge MA 02139 617 258 3754

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ted kell (tkell@nyx10.cs.du.edu) wrote:
: I have seen a number of comments about needing to findout what the actual
: problem was before storming the Bastille. Well, I found the following
: during my wanderings about the net.
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: "Those of you who know me well will immediately understand why
: I couldn't possibly abide by what follows, but for the record,
: my final conversation with Rick Palm was to the effect that yes,
: I would in fact abide by everything contained therein, PROVIDED
: that each and every ARRL HQ employee be asked to sign a similar
: document. They declined. Rick's last words to ME were, 'then you
: give me no alternative but to terminate your employment'.

: 73 - Luck Hurder KY1T"

: -----

For brevity I did not include the rest of the text of the message.
However I have several questions?

1. Who is Rick Palm?
2. Do my dues go to pay his salary?
3. Can I get a refund?

Seriously, Rick Palm needs to be shown that his policies are not acceptable to the people who pay his salary. I would like to no longer pay his salary. How do I go about doing this and still stay in the league?

Geoff.

P.S. I am in Philadelphia Pa. if that helps.

--

"I am number six. Others come and others go, but I am always number six."
(From the movie "Eminent Domain".)

Geoffrey S. Mendelson N30WJ (215) 242-8712 gsm@mendelson.com

Date: 6 May 94 19:04:51 GMT
From: sdd.hp.com!col.hp.com!srngenprp!alanb@hplabs.hpl.hp.com
Subject: Luck Hurder ... gone: (Why?
To: info-hams@ucsd.edu

Geoffrey S. Mendelson (gsm@mendelson.com) wrote:

: Seriously, Rick Palm needs to be shown that his policies are not acceptable
: to the people who pay his salary. I would like to no longer pay his salary.
: How do I go about doing this and still stay in the league?

I have no idea what the real story is regarding Luck Hurder's parting of the ways with ARRL. (I doubt anyone else on the net does either, other than those directly involved.) But I can say that I have dealt with Rick Palm several times in the past and found him to be competent, professional and courteous.

AL N1AL

Date: 6 May 94 17:29:35 GMT
From: sdd.hp.com!col.hp.com!csn!lwjames@hplabs.hpl.hp.com
Subject: Non-existent ham software that should
To: info-hams@ucsd.edu

We have antenna modelling, Spice, satellite tracking, contest logging, and code practice software, but what software could hams use which is either not available at all, or not available at a reasonable (shareware) price. There are some of us out here who might write it inspired by your ideas.

KG0GB
lwjames@csn.org

Date: Fri, 6 May 1994 02:51:23 GMT
From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!csn!col.hp.com!srngenprp!alanb@network.ucsd.edu
Subject: Old article
To: info-hams@ucsd.edu

Kenneth E. Harker (Kenneth.E.Harker@Dartmouth.Edu) wrote:
: I'm looking for an article entitled "Sonobaby" or with the word
: sonobaby in its title. All I know is that it was published in the ham
: radio literature of the 1960's (before I was born!). I've done enough
: searching to be fairly certain it wasn't in QST, but I haven't been
: able to find indexes for CQ, 73, or Ham Radio magazines. It was about
: converting the radio systems in surplus sonobuoys to VHF amateur use.

I would bet on CQ magazine. They very very big on converting all kinds of surplus in those days.

AL N1AL

Date: Wed, 4 May 1994 23:39:41 -0600
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: RB324 - OPS - Responding to a Call-Out
To: info-hams@ucsd.edu

Bid: \$RACESBUL.324
Subject : RACES Bulletin #324

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO ALL COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: ALL AMATEURS U.S (@USA: INFORMATION), CAP, MARS

FROM: CA GOVERNORS OFFICE OF EMERGENCY SERVICES
(W6SIG@WA6NWE.CA) Ph: 916-262-1600
2800 Meadowview Rd., Sacramento, CA 95832
Landline BBS Open to All: 916-262-1657
RACESBUL.324 RELEASE DATE: May 2, 1994

Subject: OPS - Responding to a Call-Out

"...I might be willing to respond on something like the Northridge quake, where there is no damage in my area. However I am not about to leave my home unprotected, without gas, electricity, water or telephone if there is looting and civil unrest and the police are stretched so thin that they cannot adequately cope."

Comments: In an emergency, our first concern is rightly that of our family or other personal priority. There are and can be instances where it is inappropriate to respond to any aspect of a call-out. There are those, however, who have prepared their families in what to do and how to cope so that they can respond to a duty station and stay as long as needed (with adequate rest periods inter-spersed as appropriate.) Such people will literally go around almost any barrier to respond to the local need if that is expected of them and they have been trained for that response level. Essentially it depends on our personal situation, perspective and preparedness; physical as well as mental. It's our choice!

It may not be possible to make preparations for every eventuality, but it starts with our personal view point. There is no "right" or "wrong" perspective or reaction. Each must chose. Experience does show that there are those whose dedication is at such a level that the concerns expressed are transcended by their own choice. It depends on ones personal priorities. There are instances of response in face of total personal loss, as well as all conditions in between. Again: it's your choice. Whatever you chose is right for you.

EOM

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races or in hamradio/packet/tcpip/incoming and can be retrieved using FTP. The opinions stated are those of the author of the bulletin and not the poster.

Date: 6 May 94 16:17:02 GMT
From: agate!howland.reston.ans.net!usenet.ins.cwru.edu!ns.mcs.kent.edu!

kira.cc.uakron.edu!malgudi.oar.net!hypnos!voxbox!jgrubs@ucbvax.berkeley.edu
Subject: Was this a bad idea?
To: info-hams@ucsd.edu

-----BEGIN PGP SIGNED MESSAGE-----

smithson@ACM.ORG writes:

> In article <2q9tks\$npn@illuminati.io.com>, hoagy@illuminati.io.com (Sir Hoagy
> >
> >"This is unlicensed Matthew T. Rupert. I've got a bad accident
> > out here at <such and such>. Need ambulance and emergency response.
> > Will stand by and repeat"
> >
> >Since I was unlicensed, was it illegal for me to use my radio
> >on an amateur frequency for this situation?
> >
> It was technically illegal, but I do believe there are provisions in the law
> to accomodate 'good samaritan' actions.

No, it was NOT technically illegal! The Communications Act
specifically states <paraphrased> that in the event of threats
to human health or safety or destruction of property anything
reasonable goes.

-----BEGIN PGP SIGNATURE-----

Version: 2.3a

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=5p6U

-----END PGP SIGNATURE-----

/-----\

Jim Grubs, W8GRT	Voxbox Enterprises	Tel.: 419/882-2697	
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Date: 6 May 94 18:55:22 GMT
From: news-mail-gateway@ucsd.edu
Subject: why not on CD? (was: Best code-speed improvement tapes?)
To: info-hams@ucsd.edu

>Without question, the ARRL tapes are the best. I bought some others

y'know, it's interesting that these sorts of things aren't on CD's yet. solves the print-through problem that tapes have and you could use the "shuffle" function on many players to avoid overuse of a session (resulting in memorization of a passage rather than acquiring the skill).

i'm working with a couple of guys now that are producing music and they decided to do it on CD rather than tape for their first release because:

- 1) not much cost differential (slightly more for CD)
- 2) best possible sound
- 3) least wear/breakage in handling
- 4) room for more artwork in the CD jewel box than the CC jewel box
- 5) preferred format for collectors & radio stations these days.

you could even make a double disc set with the sounds of radio and a morse trainer on disk 1 and disk 2 being just nothing but morse code (99 separate lessons). 74 minutes is a long time and is roughly equal to the average cassette (C-120s never did seem to work for much else other than record and play all the way through -- start cueing and jumping around and they tended to stretch and break...)

bill wb9ivr

End of Info-Hams Digest V94 #497
